

# Streetlighting -- No. 507055

Category **Transportation**  
 Agency **Public Works & Transportation**  
 Planning Area **Countywide**  
 Relocation Impact **None**

Date Last Modified  
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 Required Adequate Public Facility

**May 12, 2004**  
**7-226(04 App)**  
**NO**

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	1,126	0	382	744	149	119	119	119	119	119	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5,505	0	1,075	4,430	1,013	893	631	631	631	631	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6,631</b>	<b>0</b>	<b>1,457</b>	<b>5,174</b>	<b>1,162</b>	<b>1,012</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>*</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	6,631	0	1,457	5,174	1,162	1,012	750	750	750	750	0
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## ANNUAL OPERATING BUDGET IMPACT (\$000)

Maintenance				108	8	12	16	20	24	28	0
Energy				441	21	42	63	84	105	126	0
Net Impact				549	29	54	79	104	129	154	0
Workyears					0.0	0.0	0.0	0.0	0.0	0.0	0.0

## DESCRIPTION

This project provides for the installation and upgrading of streetlighting in the public right-of-way, residential fill-in, high crime areas, high accident areas, and streetlight knockdown replacement. Some funds from this project support the Renew Montgomery program.

## Service Area

Countywide

## JUSTIFICATION

County resolution dated June 25, 1968, requires Montgomery County to provide for the installation of streetlights in those subdivisions that were platted prior to February 1, 1969, when the installation of streetlights was not a requirement of subdivision development. This project provides funds for these streetlight installations, as well as for lighting of the public right-of-way when the existing lighting is substandard to the extent that public safety is compromised.

## Plans and Studies

New streetlight plans are developed in conformance with established County streetlight standards and are normally implemented under contract with the pertinent local utility company. A review of impacts to pedestrians, bicycles and ADA requirements (Americans with Disabilities Act of 1991) is performed and addressed by this project. Traffic signals, streetlights, crosswalks, bus stops, ADA ramps, bikeways, and other pertinent issues are considered in the design of the project to ensure pedestrian safety.

## Cost Change

Cost increase due to higher contracting costs to implement the work provided under this project, increase in the number of streetlights owned by Montgomery County, additional funding to reduce the backlog of upgrades, and the addition of FY09-10 to this ongoing project.

## STATUS

During FY03, installed or upgraded 37 streetlights, installed pole identifications for approximately 3,250 streetlights, replaced approximately 45 streetlight luminaries and poles in Silver Spring, and reconstructed or replaced 277 streetlights. In FY04, install or upgrade approximately 20 streetlights, complete pole identifications (PEPCO area) approximately 3,500 streetlights, replace approximately 70 streetlight luminaries and poles in Silver Spring, and reconstruct or replace approximately 300 streetlights.

## OTHER

A six-year program to replace approximately 275 streetlights in Silver Spring started in FY01 and will be completed in FY06. The level of effort program will not be affected by this plan. \*Expenditures will continue indefinitely.

## FY05 AND FY06

Knockdown Replacement  
 Residential Fill In  
 Pedestrian Enhancements  
 High Crime Areas  
 High Accident Locations  
 Silver Spring  
 Renew Montgomery

## APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY70	(\$000)
Initial Cost Estimate		385
First Cost Estimate		
Current Scope	FY05	6,631
Last FY's Cost Estimate		5,315
Present Cost Estimate		6,631
Appropriation Request	FY05	1,162
Appropriation Request Est.	FY06	1,012
Supplemental		
Appropriation Request	FY04	0
Transfer		0
Cumulative Appropriation		1,457
Expenditures/		
Encumbrances		1,219
Unencumbered Balance		238
Partial Closeout Thru	FY02	7,839
New Partial Closeout	FY03	838
Total Partial Closeout		8,677

## COORDINATION

Baltimore Gas and Electric Company  
 Bell Atlantic Company  
 Cable TV Montgomery  
 Maryland State Highway Administration  
 PEPCO  
 Washington Gas and Light  
 WSSC  
 Montgomery County Pedestrian Safety Advisory Committee  
 Citizen's Advisory Boards  
 Montgomery County Planning Board

## MAP

